**APCS Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**String Class**

Given the following statements, determine the output for each block of code below. Assume that scan is a declared Scanner object. Assume the user enters the phrase:

“If at first you don’t succeed, try, try again.”

String s;

System.out.println(“Enter any phrase: “);

s = scan.nextLine( );

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| **Java Code** | **Output** |
| int len = s.length( );  System.out.print(len); |  |
| int tryIndex = s.indexOf(“try”);  System.out.print(tryIndex); |  |
| String begin = s.substring(0, 30);  System.out.print(begin); |  |
| String str = s.substring(37);  System.out.print(str); |  |
| System.out.print(s.equals(“If”)); |  |
| System.out.print(s.substring(6, 10).equals(“first”)); |  |
| System.out.print(s.substring(6, 11).equals(“first”)); |  |
| String one = s.substring(3,5);  String two = s.substring(12,15);  System.out.print(one.compareTo(two); |  |
| String str = “”;  for (int i = s.length()-1; i > = 0; i--)  {  str += s.substring(i,i+1);  }  System.out.print(str); |  |
| String t = s;  System.out.println(s.equals(t));  System.out.print(s == t); |  |
| String t = new String (“If at first you don’t succeed, try, try again”);  System.out.println(s.equals(t));  System.out.print(s == t); |  |